09/4375/0

CHARLES B. GORDON THOMAS P. SCHILLER DAVID B. DEIOMA JOSEPH J. CORSO HOWARD G. SHIMOLA JEFFREY J. SOPKO JOHN-P:-MURTAUGH JAMES M. MOORE MICHAEL W. GARVEY RICHARD A. SHARPE RONALD M. KACHMARIK PAUL A. SERBINOWSKI BRIAN G. BEMBENICK <u>AA</u>RON A. FISHMAN

PEARNE & GORDON LLP

ATTORNEYS AT LAW 1801 EAST 9th STREET **SUITE 1200**

CLEVELAND, OHIO 44114-3108 TEL: (216) 579-1700

EMAIL: ip@pearnegordon.com

FAX: (216) 579-6073

STEPHEN S. WENTSLER ROBERT F. BODI SUZANNE B. GAGNON UNA L. LAURICIA STEVEN J. SOLOMON GREGORY D. FERNENGEL BRYAN M. GALLO **BRAD C. SPENCER**

OF COUNSEL LOWELL L. HEINKE THADDEUS A. ZALENSKI

PATENT, TRADEMARK COPYRIGHT AND RELATED INTELLECTUAL PROPERTY LAW



January 13, 2006

Mail Stop Certificate of Corrections Branch Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Patent No.: 6,926,915

Issued: August 9, 2005

Inventor: Hirofumi Yura et al.

Our Docket: 33947

Sir:

A Certificate of Correction under 35 U.S.C. 254 is hereby requested to correct Patent Office printing errors in the above-identified patent. Enclosed herewith is a proposed Certificate of Correction (Form No. PTO-1050) for consideration along with appropriate documentation supporting the request for correction.

It is requested that the Certificate of Correction be completed and mailed at an early date to the undersigned attorney of record. The proposed corrections are obvious ones and do not in any way change the sense of the application.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

Amanda Wittine

January 13, 2006

Name of Depositor

Signature of Depositor

Date

U.S. Patent No.: 6,926,915 Issued: August 9, 2005

Atty. Docket No.: 33947

Page 2 of 2

We understand that a check is not required since the errors were on the part of the Patent and Trademark Office in printing the patent.

Very truly yours,

Paul A. Serbinowski, Reg. No. 34429

PAS:alw Enclosures

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO.

6,926,915 BJ

PAGE 1 OF 1

DATED

August 9, 2005

INVENTOR(S)

Hirofumi Yura et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Column 7:

Line 37, please delete "unproved", and insert therefor --improved--.

MAILING ADDRESS OF SENDER:

Paul A. Serbinowski Pearne & Gordon LLP 1801 East 9th Street

Suite 1200

Cleveland, Ohio 44114-3108

PATENT NO. <u>6,926,915</u>

No. of additional copies

→

0

is used, the resulting recovered amounts of NRBC via lectin were improved about 1.5 times larger than those obtained using a conventional high-density liquid having a specific gravity of 1.077. Although many investigators have considered the effects of these pretreatments for a long time, no conclusion has been obtained due to variations among individuals and the like. Therefore, the other conditions may also be appropriately employed in the selective separating method of the present invention.

Furthermore, as shown in Figure 1, it is also of course possible to conduct the method in the same way using synthetic glycoconjugate polymer of glucose family and lectin.

In general, negative separation, in which cells other than those which are desired are immobilized, and positive separation, in which the cells which are desired are immobilized and concentrated, are known as methods for separating cells; however, the separation method of the present invention makes use of both negative and positive separation by appropriately adjusting the concentration of lectins.

In the selective separation of hematopoietic stem cells which are present in very small amounts, in order to reduce the number of the cells which are wasted, the method described above may be repeated a number of times to make it possible to increase the yield of the desired cells.

The blood sample which is separated and refined by means of the separation method of the present invention may be from any source, including peripheral blood; however, in the selective recovery of stem cells, bone marrow fluid, umbilical blood, or placental blood is preferable. Furthermore, in the selective recovery of NRBCs, umbilical blood or maternal blood is preferable.